

Safe Solution for Assisting the Installation of Transformers in Enclosures or Cabin Stations



Document revision

Index	Date	Comments	Editorial	Visa	Approval	Visa
0	20/04/2023	Creation	VVR	VVR	JFO	JFO
1	15/04/2024	Update Mounting handle	VVR	VVR	JFO	JFO

I. SAFETY INSTRUCTIONS

Equip yourself with appropriate personal protection equipment (safety helmet, gloves, goggles, safety shoes...).

II. PACKAGE CONTENT

The equipment is delivered ready for assembly; it consists of 4 main parts:

- 1 pair of adjustable feet with crank
- 1 support angle
- 2 sliding beams

As well as 2 accessory parts:

- 2 locking angles

The entire assembly is to be put together using bolts and pins. (see §III)



In case of discrepancies, please note these on the delivery note presented by the carrier and contact us IMMEDIATELY, either by phone at +33 (0)4.90.85.08.64, or by email at gmt@gmtinternational.fr to report any missing or damaged parts. Unless otherwise stated, the goods are deemed to be in conformity in terms of quantity and apparent good condition. Failure to provide a motivated signature engages the responsibility of the recipient of the shipment

III. TOOLS LIST

- 1 Meter ruban (2m min)
- 1 ratchet spanner with 19 and 30 mm sockets
- 1 cordless percussion screwdriver with 19 and 30 mm sockets
- 19 and 30 mm open-end spanners + 47 mm adjustable or open-end spanner

IV. ASSEMBLY OF THE EQUIPMENT

The left beam **1** and right beam **2** should be bolted, on one side to the adjustable foot support **4** **5** and on the other side to the support angle **3** on the staircase step, using the 4 square nuts and secured by 4 locking nuts. This prevents the nuts from being lost during transport or handling.

The locking angles **6** should be stored on the side of the beams **1** **2** during transport and then attached to the ends of the M20 threaded rods during use (if necessary).



V. USE OF THE EQUIPMENT

Before each use, it is strongly recommended to check that the 4 threaded rods of the TRANSCOPE are free to slide and lubricated. Handling of the entire assembly is possible by slinging, with 4 holes available for this purpose on the equipment. Make sure beforehand that the bolting of the beams at the ends is secure. Position the end of the TRANSCOPE **3** on the nose of the highest step with a maximum difference of 600 mm from the ground, and both feet on the ground. In the case of soft ground, it is recommended to use load distribution plates under these 2 feet.

Using the crank **7**, raise or lower the M30 threaded rods of the 2 feet **5** to position the platform level at the desired height. To make the screw-up or screw-down easier, do not hesitate to relieve the weight on the foot of the TRANSCOPE. The bubble level facilitates precise positioning of the platform. A locking nut is provided to secure the desired final position.





User Manual TRANSPOSE

Loosen the 4 M12 screws on the 2 beams ① ② a few turns, then position them at the desired spacing. A sticker indicates the usual spacings (520 / 670 / 820) to assist you. Then, tighten the 4 screws to prevent the beams from sliding during handling.

Finally, to secure the platform and prevent it from moving back and to secure it to the step, the device must be blocked using the 2 angles ⑥ using the M20 threaded rods provided along the 2 beams. To avoid losing the 2 removable parts (angles) and their pins, it is recommended to put them back in place when using the parts, and as soon as one of the parts is not in use, return it to its place. Note that the angles can be positioned outside the beams.

VI. MAINTENANCE AND SERVICE

Before each use, it is essential to perform a visual inspection of the equipment to ensure that it is not damaged (cleanliness, absence of corrosion, no cracks or deformations in the parts, presence of all elements including screws and pins) and to eliminate any risk of material and bodily harm. Do not hesitate to lubricate the 4 threaded rods regularly.

The TRANSPOSE is not a lifting accessory. As such, it is not mandatory to undergo an annual regulatory inspection by an authorized body.

VII. USER PRECAUTIONS AND USAGE LIMITATIONS

- Use the TRANSPOSE only for the purpose of assisting in the handling of transformers, within the maximum load of 3.5 T and with a spacing between 520 and 820 mm.
- Regardless of its use, the load should be placed carefully on a platform aligned horizontally within a few degrees to facilitate the entry and exit of the equipment.
- **Also, in case of soft ground, ensure the installation of load distribution plates.**
- To secure the platform, blocking with one or two angles is imperative.
- To avoid losing parts, it is highly recommended to always put the removable elements (angles) back in place using the provided pins.
- Although the body is made of hot-dip galvanized steel and the screws are electro-zinc plated steel, it is recommended to store the equipment protected from the weather. Do not hesitate to grease the threaded rods very frequently.
- Under no circumstances should the transpose be maneuvered or adjusted under load.
- The maximum acceptable slope is 7°, never exceed this slope as there may be a risk of platform instability => risk of operators injury and material falling.